

Appln No. 09/575,195
Amdt. Dated January 13, 2006
Response to Office Action of November 9, 2005

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method of enabling purchasing via an interactive form, the method including the steps of:

a computer system allocating and recording a form identity;

associating the form identity with a map of the form in the computer system;

downloading and printing the form from the computer system, the printed form containing information relating to a purchasing transaction, the printed form including coded data indicative of an identity of the form and of a plurality of map locations on the form;

a purchaser interacting with the printed form, using an optically imaging pen, to initiate the purchasing transaction, said interaction comprising placing the pen in an operative position relative to the printed form and the pen generating indicating data using the coded data printed on the form, said indicating data comprising data regarding the identity of the form and data regarding the location of the pen relative to the form;

receiving, in the computer system, the indicating data from the pen; and

identifying, in the computer system using the indicating data and the map of the form, at least one parameter relating to the purchasing transaction.

2. (Currently amended) The method of claim 1 in which said at least one parameter relating to the purchasing transaction is associated with at least one zone of the form and in which the method includes identifying, in the computer system and from the zone relative to which the pen is located, said at least one parameter.

3. (Previously presented) The method of claim 2 which includes:

receiving, in the computer system, data regarding movement of the pen relative to the form, the sensing its movement relative to the form using at least some of the coded data; and

identifying, in the computer system and from said movement being at least partially within said at least one zone, said at least one parameter of the purchasing transaction.

4. (Currently amended) A method of enabling purchasing via an interactive form, the method including the steps of:

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a computer system allocating and recording a form identity;
associating the form identity with a map of the form in the computer system;
downloading and printing the form from the computer system, the form containing information relating to a purchasing transaction, the printed form including coded data indicative of at least one parameter of the purchasing transaction and of a plurality of map locations on the form;
a purchaser interacting with the printed form, using an optically imaging pen, to initiate the purchasing transaction, said interaction comprising moving the pen relative to the form and the pen generating indicating data using the coded data printed on the form, said indicating data comprising data regarding the identity of the form, data regarding the location of the pen relative to the printed form and data regarding movement of the pen relative to the printed form;
receiving, in the computer system, the indicating data from the pen; and
interpreting, in the computer system using the indicating data and the map of the form, said movement of the pen as it relates to said at least one parameter.

5. (Currently amended) A method of enabling purchasing via an interactive form, the method including the steps of:

a computer system allocating and recording a form identity;
associating the form identity with a map of the form in the computer system;
downloading and printing the form from the computer system, the printed form containing information relating to a purchasing transaction, the printed form including coded data indicative of an identity of the form and of a plurality of map locations on the form;
a purchaser interacting with the printed form, using an optically imaging pen, to initiate the purchasing transaction, said interaction comprising placing the pen in an operative position relative to the printed form and the pen generating indicating data using the coded data printed on the form, said indicating data comprising data regarding the identity of the form and data regarding the position of the pen relative to the form;
receiving, in the computer system, the indicating data and data regarding an identity of the purchaser, the pen containing the data regarding the identity of the purchaser;
and
identifying, in the computer system using the indicating data, the data regarding the identity of the potential purchaser and the map of the form, the purchasing transaction.

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6. (Previously presented) The method of claim 5 in which the coded data is also indicative of at least one parameter of the purchasing transaction, and the method includes receiving, in the computer system, indicating data from the pen regarding said at least one parameter of the purchasing transaction, the pen sensing the indicating data using at least some of the coded data.

7. (Previously presented) The method of claim 6 which includes receiving, in the computer system, data from the pen regarding movement of the pen relative to the form, the pen generating data regarding its own movement relative to the form.

8. (Original) The method of any one of claims 2, 4 or 6 in which the parameter is an action parameter of the purchasing transaction, the method including effecting, in the computer system, an operation in respect of the action parameter.

9. (Original) The method of claim 8 in which the action parameter of the purchasing transaction is selected from the group comprising:

requesting information relating to an item to be purchased, selecting an item to purchase, selecting the quantity of an item to be purchased, viewing a shopping cart and submitting a purchasing order.

10. (Previously presented) The method of any one of claims 3, 4 or 7 in which the parameter is an option parameter of the purchasing transaction, the method including identifying, in the computer system, that the potential purchaser has entered a hand-drawn mark by means of the pen and effecting, in the computer system, an operation associated with the option parameter.

11. (Original) The method of claim 10 in which the option parameter is associated with at least one of:

a shipping address, a shipping method, a payment method and a card type.

12. (Previously presented) The method of any one of claims 3, 4 or 7 in which the parameter is a text parameter of the purchasing transaction, the method including identifying, in the computer system, that the potential purchaser has entered handwritten text data by means of the pen and effecting, in the computer system, an operation associated with

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the text parameter.

13. (Original) The method of claim 12 which includes converting, in the computer system, the handwritten text data to computer text.

14. (Original) The method of claim 13 in which the text parameter is associated with at least one of:

a shipping address, a billing address, a payment method and a quantity of an item to be purchased.

15. (Previously presented) The method of any one of claims 3, 4 or 7 in which the parameter is an authorization parameter of the purchasing transaction, the method including identifying, in the computer system, that the potential purchaser has entered a handwritten signature by means of the pen and effecting, in the computer system, an operation associated with the authorization parameter.

16. (Original) The method of claim 15 which includes verifying, in the computer system, that the signature is that of the potential purchaser.

17. (Original) The method of claim 16 in which the authorization parameter is associated with payment authorization.

18. (Previously presented) The method of any one of claims 3, 4 or 7 in which the parameter is a picture parameter of the purchasing transaction, the method including identifying, in the computer system, that the potential purchaser has entered a hand-drawn picture by means of the pen and effecting, in the computer system, an operation associated with the picture parameter.

19. (Original) The method of any one of claims 1, 4 or 5 in which:
a portion of the coded data is superimposed with a visual graphic, the visual graphic relating to the parameter associated with the portion.

20. (Original) The method of any one of claims 1, 4 or 5 in which the form contains information relating to at least one of:

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an item to be purchased and order acceptance.

21. (Original) The method of claim 1 or 5 which includes printing the form on demand.
22. (Original) The method of claim 21 which includes printing the form on a surface of a surface-defining means and, at the same time that the form is printed, printing the coded data on the surface.
23. (Original) The method of claim 22 which includes printing the coded data to be substantially invisible in the visible spectrum.
24. (Original) The method of any one of claim 1 or 5 which includes retaining a retrievable record of each form generated, the form being retrievable using its identity as contained in its coded data.
25. (Original) The method of any one of claims 1, 4 or 5 which includes distribution a plurality of the forms using a mixture of multicast and pointcast communications protocols.
26. (Previously presented) The method of claim 1 or 4 in which the pen contains an identification means which imparts a unique identity to the pen and identifies it as belonging to a particular potential purchaser and in which the method includes monitoring, in the computer system, said identity.
27. (Cancelled)
28. (Original) The method of any one of claims 1, 4 or 5 in which the form is printed on multiple pages and in which the method includes binding the pages.
- 29-59. (Cancelled)